

## Detailed Data Tables: Injection Drug Users

### Recent changes to the presentation of Massachusetts HIV/AIDS surveillance data

Effective January 1, 2011, the Massachusetts Department of Public Health (MDPH), Bureau of Infectious Diseases, HIV/AIDS fact sheets, epidemiologic reports and other HIV data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts. As of January 1, 2014, this resulted in the removal of 4,135 HIV/AIDS cases, of which 973 have died and 3,162 were living. These persons living with HIV/AIDS may still continue to reside and receive care in the Commonwealth. The total number of persons living with HIV/AIDS, irrespective of location at diagnosis, is the basis for MDPH service planning. This change is partially a result of increased activities required by the Centers for Disease Control and Prevention (CDC) for de-duplication among states in an effort to identify cases that are counted multiple times in the National HIV/AIDS Surveillance System. The cases are assigned to the state that reports the earliest date of AIDS diagnosis if available. If the case has not progressed to AIDS, the case is assigned to the state with the earliest HIV diagnosis date. Please note that previous HIV/AIDS fact sheets, data reports and presentations included cases that may have been first diagnosed in another state.

Also effective January 1, 2011, the MDPH HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to eliminate the presumed heterosexual risk category for men; those cases have been reassigned to the no identified risk (NIR) category. The presumed heterosexual reported risk category was used with the intention of identifying HIV risk for women when sex with men is the only reported risk factor, there is no evidence of current or past injection drug use (IDU), and behavioral risk and HIV status information about male sexual partners are unknown. Twenty-nine percent of women living with HIV/AIDS and 40% of recent female HIV diagnoses are reported in the presumed heterosexual risk category. The application of the presumed heterosexual risk category to men is overly inclusive in that woman to man HIV transmission is biologically less probable, and there are alternate reported risks that are possible for men, including sex with other men (MSM) or IDU. The CDC reports men diagnosed with HIV/AIDS who report sex with women as their only risk factor, without corresponding partner risk or HIV status information, in the NIR category. This revision to report presumed heterosexual male HIV/AIDS cases as NIR will bring Massachusetts HIV/AIDS case reporting for men in alignment with CDC standards. The MDPH will maintain presumed heterosexual and heterosexual risk categories for women.

**Table 1. People living with HIV/AIDS by reported risk: Massachusetts<sup>1</sup>**

| People Living with HIV/AIDS on 12/31/13  |               |             |
|--|---------------|-------------|
| Reported risk:                           | N             | %           |
| Male-to-male sex (MSM)                   | 7,137         | 37%         |
| Injection drug use (IDU)                 | 3,683         | 19%         |
| MSM/IDU                                  | 661           | 3%          |
| Receipt of blood/blood products/other    | 67            | <1%         |
| Total pediatric                          | 339           | 2%          |
| • Pediatric IDU-related <sup>2</sup>     | 13            | <1%         |
| • Pediatric not IDU-related              | 326           | 2%          |
| Total heterosexual sex (HTSX)            | 2,720         | 14%         |
| • HTSX w/ an injection drug user         | 889           | 5%          |
| • HTSX w/ bisexual men (women only)      | 44            | <1%         |
| • HTSX w/ a person w/ HIV or AIDS        | 1,742         | 9%          |
| • Other HTSX <sup>3</sup>                | 45            | <1%         |
| Total undetermined/other                 | 4,558         | 24%         |
| • Presumed heterosexual sex <sup>4</sup> | 1,714         | 9%          |
| • Undetermined/other <sup>5</sup>        | 2,844         | 15%         |
| <b>Total<sup>6</sup></b>                 | <b>19,165</b> | <b>100%</b> |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Includes pediatric risk with a maternal risk of injection drug use and pediatric risk with a maternal risk of sex with an injection drug user

<sup>3</sup> Includes heterosexual sex with a person who received blood/blood products.

<sup>4</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>5</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

*Note: The category of “presumed heterosexual” is used in Massachusetts to re-assign women who are reported with a risk of heterosexual sex, but only with a partner of unknown HIV status or behavioral risk. Massachusetts uses the category of presumed heterosexual to distinguish these women cases from other undetermined cases about which we know less. Prior to January 1, 2011, the presumed heterosexual category was also used to report HIV data in men. The rationale for the application of the presumed heterosexual reported risk category to women only has been addressed in the MDPH OHA report “Intersecting Risks: HIV Infection among Heterosexual Women and Men in Massachusetts.” (2010)*

*[http://www.mass.gov/Eeohhs2/docs/dph/aids/intersecting\\_risks.pdf](http://www.mass.gov/Eeohhs2/docs/dph/aids/intersecting_risks.pdf). Nationally, the Centers for Disease Control and Prevention categorize “presumed heterosexual” cases as “no identified risk” (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual, as it is still not clear what the risk was for women in this category. Although a person may not report other risk behaviors, such as injection drug use to a health care provider, it does not exclude the possibility that an individual has experienced these other risks. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.*

**Table 2. People diagnosed with HIV infection by reported risk: Massachusetts<sup>1</sup>, 2010–2012<sup>2</sup>**

| Reported risk:                           | HIV Diagnoses   |                 |
|--|-----------------|-----------------|
|  | N               | %               |
| Male-to-male sex (MSM)                   | 881             | 43%             |
| Injection Drug Use (IDU)                 | 172             | 8%              |
| MSM/IDU                                  | 63              | 3%              |
| Receipt of Blood/Blood products          | 0               | 0%              |
| Total pediatric                          | 13              | 1%              |
| • Pediatric IDU-related <sup>3</sup>     | 0               | 0%              |
| • Pediatric not IDU-related              | 13              | 1%              |
| Total Heterosexual Sex (HTSX)            | 228             | 11%             |
| • HTSX w/ an injection drug user         | 38              | 2%              |
| • HTSX w/ bisexual men (women only)      | -- <sup>7</sup> | -- <sup>7</sup> |
| • HTSX w/ a person w/ HIV or AIDS        | -- <sup>7</sup> | -- <sup>7</sup> |
| • Other HTSX <sup>4</sup>                | 179             | 9%              |
| Total Undetermined/Other                 | 708             | 34%             |
| • Presumed Heterosexual Sex <sup>5</sup> | 255             | 12%             |
| • Undetermined/Other <sup>6</sup>        | 453             | 22%             |
| <b>Total</b>                             | <b>2,065</b>    | <b>100%</b>     |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

<sup>3</sup> Includes pediatric risk with a maternal risk of injection drug use and pediatric risk with a maternal risk of sex with an injection drug user

<sup>4</sup> Includes heterosexual sex with a person who received blood/blood products.

<sup>5</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>6</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

<sup>7</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

N/A = Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

**Table 3. People diagnosed with HIV infection by reported risk and year of diagnosis: Massachusetts<sup>1</sup>, 2003–2012<sup>2</sup>**

|      | MSM |     | IDU |     | MSM/<br>IDU |    | HTSX |     | Pres.<br>HTSX <sup>3</sup> |     | Undeter-<br>mined <sup>4</sup> |     | Total <sup>5</sup> |
|------|-----|-----|-----|-----|-------------|----|------|-----|----------------------------|-----|--------------------------------|-----|--------------------|
|      | N   | %   | N   | %   | N           | %  | N    | %   | N                          | %   | N                              | %   | N                  |
| 2003 | 318 | 33% | 146 | 15% | 32          | 3% | 136  | 14% | 129                        | 13% | 184                            | 19% | <b>958</b>         |
| 2004 | 292 | 32% | 146 | 16% | 26          | 3% | 137  | 15% | 109                        | 12% | 193                            | 21% | <b>914</b>         |
| 2005 | 351 | 39% | 121 | 13% | 22          | 2% | 110  | 12% | 100                        | 11% | 188                            | 21% | <b>897</b>         |
| 2006 | 339 | 42% | 96  | 12% | 18          | 2% | 101  | 12% | 102                        | 13% | 152                            | 19% | <b>814</b>         |
| 2007 | 292 | 39% | 96  | 13% | 22          | 3% | 81   | 11% | 82                         | 11% | 162                            | 22% | <b>740</b>         |
| 2008 | 288 | 39% | 70  | 10% | 29          | 4% | 93   | 13% | 81                         | 11% | 163                            | 22% | <b>730</b>         |
| 2009 | 310 | 45% | 46  | 7%  | 18          | 3% | 90   | 13% | 64                         | 9%  | 159                            | 23% | <b>692</b>         |
| 2010 | 292 | 42% | 67  | 10% | 22          | 3% | 84   | 12% | 82                         | 12% | 136                            | 20% | <b>689</b>         |
| 2011 | 272 | 40% | 62  | 9%  | 19          | 3% | 85   | 12% | 80                         | 12% | 161                            | 24% | <b>682</b>         |
| 2012 | 317 | 46% | 43  | 6%  | 22          | 3% | 59   | 9%  | 93                         | 13% | 156                            | 22% | <b>694</b>         |

<sup>1</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available 10 year period after the implementation of HIV infection reporting in 1999.

<sup>3</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>4</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

<sup>5</sup> Totals include pediatric and blood/blood products reported risks

MSM = Male-to-Male Sex; IDU = Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

**Table 4. Percentage distribution of people living with HIV/AIDS on December 31, 2013 by Health Service Region (HSR)<sup>1</sup> and reported risk: Massachusetts<sup>2</sup>**

| HSR                      | MSM<br>%   | IDU<br>%   | MSM/<br>IDU<br>% | HTSX<br>%  | Other<br>% | Pres.<br>HTSX <sup>3</sup><br>% | Undet. <sup>4</sup><br>% | Total<br>N    |
|--------------------------|------------|------------|------------------|------------|------------|---------------------------------|--------------------------|---------------|
| Boston                   | 48%        | 13%        | 3%               | 12%        | 2%         | 8%                              | 14%                      | 6,079         |
| Central                  | 26%        | 27%        | 3%               | 18%        | 3%         | 11%                             | 12%                      | 1,632         |
| Metro west               | 41%        | 11%        | 3%               | 13%        | 2%         | 11%                             | 18%                      | 2,799         |
| Northeast                | 32%        | 16%        | 3%               | 16%        | 2%         | 11%                             | 19%                      | 3,039         |
| Southeast                | 40%        | 20%        | 3%               | 15%        | 2%         | 7%                              | 13%                      | 2,616         |
| Western                  | 27%        | 27%        | 3%               | 18%        | 3%         | 9%                              | 13%                      | 2,069         |
| Prison <sup>5</sup>      | 7%         | 66%        | 8%               | 6%         | <1%        | 1%                              | 12%                      | 924           |
| <b>Total<sup>6</sup></b> | <b>37%</b> | <b>19%</b> | <b>3%</b>        | <b>14%</b> | <b>2%</b>  | <b>9%</b>                       | <b>15%</b>               | <b>19,165</b> |

<sup>1</sup> Reflects the health service region of a person's residence at the time of report (not necessarily current residence). See Epidemiologic Profile General Appendices, Health Service Region Maps, available at

[http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of health service regions.

<sup>2</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>3</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>4</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

<sup>5</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility. These data do not reflect current incarceration status.

<sup>6</sup> Mass. total includes five persons living with HIV/AIDS with unknown residence at time of report.

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

**Table 5. Percentage distribution of people diagnosed with HIV infection by Health Service Region (HSR)<sup>1</sup> and reported risk: Massachusetts<sup>2</sup>, 2010–2012<sup>3</sup>**

|                     | MSM        | IDU       | MSM/<br>IDU | HTSX       | Other     | Pres.<br>HTSX <sup>4</sup> | Undet. <sup>5</sup> | Total        |
|---------------------|------------|-----------|-------------|------------|-----------|----------------------------|---------------------|--------------|
| HSR                 | %          | %         | %           | %          | %         | %                          | %                   | N            |
| Boston              | 50%        | 6%        | 3%          | 10%        | 1%        | 11%                        | 20%                 | <b>625</b>   |
| Central             | 33%        | 11%       | 3%          | 15%        | 0%        | 19%                        | 19%                 | <b>180</b>   |
| Metro West          | 47%        | 3%        | 2%          | 10%        | 1%        | 13%                        | 24%                 | <b>322</b>   |
| Northeast           | 36%        | 8%        | 3%          | 14%        | 0%        | 11%                        | 28%                 | <b>367</b>   |
| Southeast           | 44%        | 8%        | 4%          | 9%         | 0%        | 15%                        | 21%                 | <b>281</b>   |
| Western             | 40%        | 12%       | 2%          | 12%        | 1%        | 12%                        | 21%                 | <b>233</b>   |
| Prison <sup>6</sup> | 18%        | 45%       | 7%          | 11%        | 0%        | 2%                         | 16%                 | <b>55</b>    |
| <b>Total</b>        | <b>43%</b> | <b>8%</b> | <b>3%</b>   | <b>11%</b> | <b>1%</b> | <b>12%</b>                 | <b>22%</b>          | <b>2,065</b> |

<sup>1</sup> Reflects the health service region of a person's residence at the time of report (not necessarily current residence). See Epidemiologic Profile General Appendices, Health Service Region Maps, available at [http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of health service regions.

<sup>2</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>3</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

<sup>4</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>5</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

<sup>6</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex; Undet. = Undetermined

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

**Table 6. Ten cities/towns<sup>1</sup> in Massachusetts<sup>2</sup> with the highest proportion of injection drug use as primary reported risk among HIV infection diagnoses (HIV DX): 2010–2012<sup>3</sup>**

| Rank | City/Town   | Number of HIV DX with IDU <sup>3</sup> | Percent of Total HIV DX |
|------|-------------|--|-------------------------|
| 1    | Fall River  | 6                                      | 25%                     |
| 2    | New Bedford | 9                                      | 22%                     |
| 3    | Holyoke     | 8                                      | 21%                     |
| 4    | Lawrence    | 10                                     | 18%                     |
| 5    | Springfield | 14                                     | 12%                     |
| 6    | Lowell      | 7                                      | 12%                     |
| 7    | Worcester   | 10                                     | 11%                     |
| 8    | Lynn        | 5                                      | 10%                     |
| 9    | Boston      | 35                                     | 6%                      |

<sup>1</sup> Among cities/towns with at least 5 people diagnosed with HIV infection with IDU reported risk within the three year period 2010 to 2012; reflects the city/town of a person's residence at the time of report (not necessarily current residence). People diagnosed while at a correctional facility are not included.

<sup>2</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>3</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 7. People living with HIV/AIDS on December 31, 2013 by gender and reported risk: Massachusetts<sup>1</sup>**

| Reported risk:                           | Men           |             | Women        |             |
|--|---------------|-------------|--------------|-------------|
|  | N             | %           | N            | %           |
| Male-to-male sex (MSM)                   | 7,137         | 52%         | N/A          | N/A         |
| Injection drug use (IDU)                 | 2,431         | 18%         | 1,252        | 23%         |
| MSM/IDU                                  | 661           | 5%          | N/A          | N/A         |
| Heterosexual sex                         | 804           | 6%          | 1,916        | 35%         |
| Other                                    | 226           | 2%          | 181          | 3%          |
| Total undetermined/other                 | 2,421         | 18%         | 2,136        | 39%         |
| • Presumed heterosexual sex <sup>2</sup> | N/A           | N/A         | 1,714        | 31%         |
| • Undetermined <sup>3</sup>              | 2,421         | 18%         | 422          | 8%          |
| <b>Total</b>                             | <b>13,680</b> | <b>100%</b> | <b>5,485</b> | <b>100%</b> |

<sup>1</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>3</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14

**Table 8. People diagnosed with HIV infection by gender and reported risk: Massachusetts<sup>1</sup>, 2010–2012<sup>2</sup>**

| Reported risk:                           | Men          |             | Women      |             |
|--|--------------|-------------|------------|-------------|
|  | N            | %           | N          | %           |
| Male-to-male sex (MSM)                   | 881          | 59%         | N/A        | N/A         |
| Injection drug use (IDU)                 | 106          | 7%          | 66         | 12%         |
| MSM/IDU                                  | 63           | 4%          | N/A        | N/A         |
| Heterosexual sex                         | 78           | 5%          | 150        | 27%         |
| Other                                    | 7            | <1%         | 6          | 1%          |
| Total undetermined/other                 | 368          | 24%         | 340        | 60%         |
| • Presumed Heterosexual Sex <sup>3</sup> | N/A          | N/A         | 255        | 45%         |
| • Undetermined <sup>4</sup>              | 368          | 24%         | 85         | 15%         |
| <b>Total</b>                             | <b>1,503</b> | <b>100%</b> | <b>562</b> | <b>100%</b> |

<sup>1</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

<sup>3</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>4</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

N/A = Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/14



**Table 9. People diagnosed with HIV infection by gender, race/ethnicity, and reported risk: Massachusetts<sup>1</sup>, 2010–2012<sup>2</sup>**

|                     | IDU             |                 | MSM/IDU         |                 | HTSX w/ IDU     |                 | Pediatric-IDU-related <sup>3</sup> |           | All Other Modes <sup>4</sup> |             |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------------------|-----------|------------------------------|-------------|
| Gender:             | N               | %               | N               | %               | N               | %               | N                                  | %         | N                            | %           |
| Men                 | 106             | 62%             | 63              | 100%            | 17              | 45%             | 0                                  | 0%        | 1,317                        | 73%         |
| Women               | 66              | 38%             | 0               | 0%              | 21              | 55%             | 0                                  | 0%        | 475                          | 27%         |
| Race/<br>Ethnicity: | N               | %               | N               | %               | N               | %               | N                                  | %         | N                            | %           |
| White NH            | 72              | 42%             | 48              | 76%             | 9               | 24%             | 0                                  | 0%        | 648                          | 36%         |
| Black NH            | 28              | 16%             | 6               | 10%             | 11              | 29%             | 0                                  | 0%        | 620                          | 35%         |
| Hispanic            | 69              | 40%             | 8               | 13%             | 16              | 42%             | 0                                  | 0%        | 440                          | 25%         |
| API                 | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | 0                                  | 0%        | 63                           | 4%          |
| Other/Unk.          | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | -- <sup>5</sup> | 0                                  | 0%        | 21                           | 1%          |
| <b>Total</b>        | <b>172</b>      | <b>100%</b>     | <b>63</b>       | <b>100%</b>     | <b>38</b>       | <b>100%</b>     | <b>0</b>                           | <b>0%</b> | <b>1,792</b>                 | <b>100%</b> |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

<sup>3</sup> Includes pediatric risk with a maternal risk of injection drug use and pediatric risk with a maternal risk of sex with an injection drug user.

<sup>4</sup> Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bi-sexual man (women only), presumed heterosexual sex (women only), blood/blood products, pediatric risks where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined risks.

<sup>5</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 10. People living with HIV/AIDS on December 31, 2013 by gender, race/ethnicity, and reported risk: Massachusetts<sup>1</sup>**

|                     | IDU          |             | MSM/IDU         |                 | HTSX w/ IDU     |                 | Pediatric-IDU-related <sup>2</sup> |             | All Other Modes <sup>3</sup> |             |
|---------------------|--------------|-------------|-----------------|-----------------|-----------------|-----------------|------------------------------------|-------------|------------------------------|-------------|
| Gender:             | N            | %           | N               | %               | N               | %               | N                                  | %           | N                            | %           |
| Men                 | 2,431        | 66%         | 661             | 100%            | 184             | 21%             | 6                                  | 46%         | 10,398                       | 75%         |
| Women               | 1,252        | 34%         | 0               | 0%              | 705             | 79%             | 7                                  | 54%         | 3,521                        | 25%         |
| Race/<br>Ethnicity: | N            | %           | N               | %               | N               | %               | N                                  | %           | N                            | %           |
| White NH            | 1,337        | 36%         | 413             | 62%             | 262             | 29%             | 6                                  | 46%         | 6,279                        | 45%         |
| Black NH            | 873          | 24%         | 111             | 17%             | 241             | 27%             | 4                                  | 31%         | 4,516                        | 32%         |
| Hispanic            | 1,436        | 39%         | 128             | 19%             | 375             | 42%             | 3                                  | 23%         | 2,723                        | 20%         |
| API                 | 18           | <1%         | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | 0                                  | 0%          | 307                          | 2%          |
| Other/Unk.          | 19           | 1%          | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | 0                                  | 0%          | 94                           | 1%          |
| <b>Total</b>        | <b>3,683</b> | <b>100%</b> | <b>661</b>      | <b>100%</b>     | <b>889</b>      | <b>100%</b>     | <b>13</b>                          | <b>100%</b> | <b>13,919</b>                | <b>100%</b> |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Includes pediatric risk with a maternal risk of injection drug use and pediatric risk with a maternal risk of sex with an injection drug user.

<sup>3</sup> Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bi-sexual man (women only), presumed heterosexual sex (women only), blood/blood products, pediatric risks where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined risks.

<sup>4</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 11. People living with HIV/AIDS on December 31, 2013 where the reported risk is IDU, gender by race/ethnicity: Massachusetts<sup>1</sup>**

|       | White NH |     | Black NH |     | Hispanic |     | API             |                 | Other/<br>Unknown |     | Total <sup>2</sup> |      |
|-------|----------|-----|----------|-----|----------|-----|-----------------|-----------------|-------------------|-----|--------------------|------|
|       | N        | %   | N        | %   | N        | %   | N               | %               | N                 | %   | N                  | %    |
| Men   | 747      | 31% | 591      | 24% | 1067     | 44% | -- <sup>2</sup> | -- <sup>2</sup> | 11                | <1% | 2,431              | 100% |
| Women | 590      | 47% | 282      | 23% | 369      | 29% | -- <sup>2</sup> | -- <sup>2</sup> | 8                 | 1%  | 1,252              | 100% |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 12. People diagnosed with HIV infection within the years 2010–2012<sup>1</sup> where the reported risk is IDU, gender by race/ethnicity: Massachusetts<sup>2</sup>**

|       | White NH |     | Black NH |     | Hispanic |     | API             |                 | Other/<br>Unknown |                 | Total |      |
|-------|----------|-----|----------|-----|----------|-----|-----------------|-----------------|-------------------|-----------------|-------|------|
|       | N        | %   | N        | %   | N        | %   | N               | %               | N                 | %               | N     | %    |
| Men   | 29       | 27% | 22       | 21% | 52       | 49% | -- <sup>2</sup> | -- <sup>2</sup> | -- <sup>2</sup>   | -- <sup>2</sup> | 106   | 100% |
| Women | 43       | 65% | 6        | 9%  | 17       | 26% | -- <sup>2</sup> | -- <sup>2</sup> | -- <sup>2</sup>   | -- <sup>2</sup> | 66    | 100% |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 13. People diagnosed with HIV infection within the years 2010–2012<sup>1</sup> by age at HIV diagnosis and reported risk: Massachusetts<sup>2</sup>**

| Age<br>(yrs) | IDU        |             | MSM/IDU         |                 | HTSX w/ IDU     |                 | All Other Modes <sup>3</sup> |             |
|--------------|------------|-------------|-----------------|-----------------|-----------------|-----------------|------------------------------|-------------|
|              | N          | %           | N               | %               | N               | %               | N                            | %           |
| <13          | 0          | 0%          | 0               | 0%              | 0               | 0%              | 11                           | 1%          |
| 13–19        | 0          | 0%          | -- <sup>4</sup> | -- <sup>4</sup> | 0               | 0%              | 55                           | 3%          |
| 20–24        | 10         | 6%          | 13              | 21%             | 0               | 0%              | 183                          | 10%         |
| 25–29        | 10         | 6%          | 7               | 11%             | -- <sup>4</sup> | -- <sup>4</sup> | 216                          | 12%         |
| 30–34        | 20         | 12%         | 9               | 14%             | -- <sup>4</sup> | -- <sup>4</sup> | 233                          | 13%         |
| 35–39        | 24         | 14%         | 8               | 13%             | 7               | 18%             | 239                          | 13%         |
| 40–44        | 18         | 10%         | 10              | 16%             | 12              | 32%             | 246                          | 14%         |
| 45–49        | 31         | 18%         | 9               | 14%             | 7               | 18%             | 251                          | 14%         |
| 50–54        | 27         | 16%         | -- <sup>4</sup> | -- <sup>4</sup> | 6               | 16%             | 158                          | 9%          |
| 55–59        | 21         | 12%         | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | 99                           | 6%          |
| 60+          | 11         | 6%          | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | -- <sup>4</sup> | 101                          | 6%          |
| <b>Total</b> | <b>172</b> | <b>100%</b> | <b>63</b>       | <b>100%</b>     | <b>38</b>       | <b>100%</b>     | <b>1,792</b>                 | <b>100%</b> |

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

<sup>2</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>3</sup> Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bi-sexual man (women only), presumed heterosexual sex (women only), blood/blood products, pediatric risks where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined risks.

<sup>4</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 14. People living with HIV/AIDS on December 31, 2013 by current age and reported risk: Massachusetts<sup>1</sup>**

| Age<br>(yrs)             | IDU          |             | MSM/IDU    |             | HTSX w/ IDU     |                 | All Other Modes <sup>3</sup> |             |
|--------------------------|--------------|-------------|------------|-------------|-----------------|-----------------|------------------------------|-------------|
|                          | N            | %           | N          | %           | N               | %               | N                            | %           |
| <13                      | 0            | 0%          | 0          | 0%          | 0               | 0%              | 26                           | <1%         |
| 13–19                    | 0            | 0%          | 0          | 0%          | -- <sup>4</sup> | -- <sup>4</sup> | 99                           | 1%          |
| 20–24                    | 0            | 0%          | 8          | 1%          | -- <sup>4</sup> | -- <sup>4</sup> | 268                          | 2%          |
| 25–29                    | 26           | 1%          | 21         | 3%          | 4               | <1%             | 554                          | 4%          |
| 30–34                    | 66           | 2%          | 36         | 5%          | 24              | 3%              | 762                          | 5%          |
| 35–39                    | 136          | 4%          | 56         | 8%          | 61              | 7%              | 1,057                        | 8%          |
| 40–44                    | 247          | 7%          | 73         | 11%         | 90              | 10%             | 1,623                        | 12%         |
| 45–49                    | 632          | 17%         | 133        | 20%         | 184             | 21%             | 2,460                        | 18%         |
| 50–54                    | 963          | 26%         | 149        | 23%         | 215             | 24%             | 2,751                        | 20%         |
| 55–59                    | 900          | 24%         | 107        | 16%         | 166             | 19%             | 1,988                        | 14%         |
| 60+                      | 713          | 19%         | 78         | 12%         | 144             | 16%             | 2,331                        | 17%         |
| <b>Total<sup>5</sup></b> | <b>3,683</b> | <b>100%</b> | <b>661</b> | <b>100%</b> | <b>889</b>      | <b>100%</b>     | <b>13,919</b>                | <b>100%</b> |

<sup>1</sup> Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Includes pediatric risk with a maternal risk of injection drug use and pediatric risk with a maternal risk of sex with an injection drug user.

<sup>3</sup> Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bi-sexual man (women only), presumed heterosexual sex (women only), blood/blood products, pediatric risks where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined risks.

<sup>4</sup> Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/14

**Table 16. Deaths among persons reported with HIV/AIDS by reported risk and year of death: Massachusetts<sup>1</sup>, 2003–2012**

|      | MSM |     | IDU |     | MSM/<br>IDU |    | HTSX |     | Pres.<br>HTSX <sup>2</sup> |    | Undeter-<br>mined <sup>3</sup> |     | Total <sup>4</sup> |
|------|-----|-----|-----|-----|-------------|----|------|-----|----------------------------|----|--------------------------------|-----|--------------------|
|      | N   | %   | N   | %   | N           | %  | N    | %   | N                          | %  | N                              | %   | N                  |
| 2003 | 68  | 17% | 196 | 50% | 17          | 4% | 47   | 12% | 9                          | 2% | 46                             | 12% | <b>391</b>         |
| 2004 | 68  | 19% | 177 | 50% | 17          | 5% | 32   | 9%  | 12                         | 3% | 40                             | 11% | <b>353</b>         |
| 2005 | 56  | 17% | 171 | 52% | 15          | 5% | 39   | 12% | 18                         | 5% | 31                             | 9%  | <b>332</b>         |
| 2006 | 63  | 19% | 162 | 50% | 19          | 6% | 32   | 10% | 16                         | 5% | 30                             | 9%  | <b>324</b>         |
| 2007 | 64  | 22% | 125 | 44% | 26          | 9% | 28   | 10% | 13                         | 5% | 25                             | 9%  | <b>286</b>         |
| 2008 | 57  | 20% | 127 | 45% | 15          | 5% | 26   | 9%  | 12                         | 4% | 41                             | 15% | <b>282</b>         |
| 2009 | 45  | 16% | 144 | 50% | 10          | 3% | 36   | 13% | 13                         | 5% | 39                             | 14% | <b>288</b>         |
| 2010 | 58  | 22% | 119 | 46% | 14          | 5% | 18   | 7%  | 10                         | 4% | 37                             | 14% | <b>260</b>         |
| 2011 | 42  | 20% | 89  | 42% | 16          | 8% | 22   | 10% | 7                          | 3% | 33                             | 16% | <b>212</b>         |
| 2012 | 46  | 22% | 102 | 49% | 8           | 4% | 20   | 10% | 9                          | 4% | 19                             | 9%  | <b>208</b>         |

<sup>1</sup> Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

<sup>2</sup> Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

<sup>3</sup> Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

<sup>4</sup> Totals include pediatric and blood/blood products reported risks

MSM = Male-to-Male Sex; IDU = Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/14

**Technical Notes:**

Table 17 includes data reported by students in randomly selected Massachusetts high schools every odd year from 1993 to 2013. This anonymous survey, the Youth Risk Behavior Survey (YRBS), is administered by the Massachusetts Department of Elementary and Secondary Education in collaboration with the Centers for Disease Control and Prevention and focuses on risk behaviors that may compromise the health and/or safety of high school students.

**Table 17. Percentage of Massachusetts Youth Risk Behavior Survey (YRBS) respondents reporting lifetime (ever) injection drug use by year and gender: Massachusetts, 1993–2013<sup>1</sup>**

| Year | Men                  |      | Women                |                   | <u>Total</u><br>Men + Women |      |
|------|----------------------|------|----------------------|-------------------|-----------------------------|------|
|      | Total N <sup>2</sup> | %    | Total N <sup>2</sup> | %                 | Total N <sup>2</sup>        | %    |
| 1993 | 1,492                | 3.8% | 1,535                | 1.2%              | 3,031                       | 2.6% |
| 1995 | 2,056                | 4.5% | 2,038                | 1.0%              | 4,102                       | 2.8% |
| 1997 | 1,966                | 2.9% | 1,953                | 1.1%              | 3,930                       | 2.0% |
| 1999 | 2,188                | 3.6% | 2,178                | 1.6%              | 4,382                       | 2.7% |
| 2001 | 2,098                | 2.4% | 2,032                | 0.9%              | 4,144                       | 1.7% |
| 2003 | 1,765                | 2.9% | 1,816                | 1.5%              | 3,588                       | 2.2% |
| 2005 | 1,663                | 1.9% | 1,786                | 0.8%              | 3,468                       | 1.5% |
| 2007 | 1,499                | 3.3% | 1,594                | 1.6%              | 3,100                       | 2.5% |
| 2009 | 1,346                | 3.1% | 1,327                | 0.6% <sup>3</sup> | 2,678                       | 1.9% |
| 2011 | 1,353                | 2.7% | 1,342                | 0.8% <sup>3</sup> | 2,700                       | 1.8% |
| 2013 | 1,353                | 1.2% | 1,324                | 0.6%              | 2,684                       | 1.0% |

<sup>1</sup> A random sample of high schools is selected for participation each year; data presented do not represent cohorts followed over time

<sup>2</sup> Total N = total number of respondents by sex (unweighted). The number of respondents for each question varies from year to year.

<sup>3</sup> Number may be unreliable due to relative standard error of greater than 30%; interpret with caution.

Data Source: Massachusetts Department of Elementary and Secondary Education, Youth Risk Behavior Survey, 1993–2013

***Technical Notes:***

Program utilization data for HIV/AIDS prevention services describe people who utilize these services and who may be at risk for HIV infection. Data from the needle exchange program can be used to describe demographics and HIV risk behavior in a population of injection drug users. Not all injection drug users utilize state-funded needle exchange programs; therefore, these data are not representative of all injection drug users in Massachusetts. Table 18 contains data on clients utilizing the state-funded needle exchange program.



| <b>Table 18. Characteristics of clients of state-funded needle exchanges: Massachusetts, fiscal year 2013<sup>1</sup></b>   |              |                         |
|---|--------------|-------------------------|
| <b>Gender:</b>  | <b>N</b>     | <b>%</b>                |
| Men   | 3,365        | 72%                     |
| Women   | 1,189        | 25%                     |
| Transgender   | 25           | <1%                     |
| Undetermined <sup>2</sup>   | 98           | 2%                      |
| <b>Age, in Years<sup>3</sup>:</b>   | <b>N</b>     | <b>%</b>                |
| 18–19   | 24           | <1%                     |
| 20–29   | 996          | 21%                     |
| 30–39   | 1,424        | 30%                     |
| 40–49   | 1,161        | 25%                     |
| 50–59   | 754          | 16%                     |
| 60+   | 318          | 7%                      |
| <b>Race/Ethnicity:</b>  | <b>N</b>     | <b>%</b>                |
| White Non-Hispanic  | 2,608        | 56%                     |
| Black/African American Non-Hispanic   | 394          | 8%                      |
| Hispanic  | 1,346        | 29%                     |
| Asian Non-Hispanic  | 16           | <1%                     |
| Native Hawaiian/Pacific Islander Non-Hispanic   | 0            | 0%                      |
| American Indian/Alaskan Native Non-Hispanic   | 17           | <1%                     |
| Multi-Race  | 73           | 2%                      |
| Unidentified Race Non-Hispanic  | 115          | 2%                      |
| Undetermined <sup>2</sup>   | 108          | 2%                      |
| <b>Sexual Orientation:</b>  | <b>N</b>     | <b>%</b>                |
| Heterosexual  | 3,852        | 82%                     |
| Bisexual  | 156          | 3%                      |
| Gay/lesbian   | 116          | 2%                      |
| Undetermined <sup>2</sup>   | 553          | 12%                     |
| <b>Shared injection drug equipment in last 12 months<sup>4</sup>:</b>   | <b>N</b>     | <b>%</b>                |
| Yes   | 739          | 16%                     |
| No  | 2,268        | 49%                     |
| Undetermined <sup>2</sup>   | 1,670        | 36%                     |
| <b>Age at First Injection:</b>  | <b>N</b>     | <b>%</b>                |
| Under age 20 years  | 1,286        | 28%                     |
| Age 20 years and above  | 1,592        | 34%                     |
| Undetermined <sup>2</sup>   | 1,799        | 38%                     |
| <b>Total</b>  | <b>4,677</b> | <b>100%<sup>5</sup></b> |
| <sup>1</sup> July 1, 2012 through June 30, 2013<br><sup>2</sup> Undetermined includes exchanges among participants who declined to include this information, were not asked this information or for whom the information is otherwise missing.<br><sup>3</sup> Age is calculated by taking the average across uses of needle exchange throughout the year.<br><sup>4</sup> Client indicated they had shared injection drug equipment within the last 12 months based on their most recent visit.<br><sup>5</sup> Percentage may not add up to 100% due to rounding.<br>Data Source: MDPH Office of HIV/AIDS |              |                         |

**Technical Notes:**

Tables 19–21 include program utilization data for substance abuse treatment services funded through the Massachusetts Bureau of Substance Abuse Services. Not all people who receive substance abuse treatment receive it at one of these state-funded sites; therefore, these data are not representative of all people treated for substance abuse in Massachusetts. It is important to note that the data presented in this section represent admissions and not individual clients; therefore the data may contain more than one admission for some people.

**Table 19. Admissions to state-licensed substance abuse treatment programs by needle use in the past year: Massachusetts, state fiscal year<sup>1</sup> 2004–2013**

| Year | Used Needle |     | Did Not Use Needle |     | Total <sup>2</sup> |
|------|-------------|-----|--------------------|-----|--------------------|
|      | N           | %   | N                  | %   | N                  |
| 2004 | 31,555      | 31% | 70,872             | 69% | 102,427            |
| 2005 | 32,208      | 31% | 71,261             | 69% | 103,469            |
| 2006 | 30,953      | 30% | 71,796             | 70% | 102,749            |
| 2007 | 33,060      | 31% | 74,055             | 69% | 107,115            |
| 2008 | 34,139      | 32% | 71,428             | 68% | 105,567            |
| 2009 | 37,483      | 36% | 65,730             | 64% | 103,213            |
| 2010 | 41,183      | 39% | 63,997             | 61% | 105,180            |
| 2011 | 39,752      | 39% | 61,525             | 61% | 101,277            |
| 2012 | 43,106      | 42% | 59,370             | 58% | 102,476            |
| 2013 | 46,568      | 45% | 55,964             | 55% | 102,532            |

<sup>1</sup> July 1 of previous year – June 30 of the indicated year

<sup>2</sup> Tabulations exclude cases with missing values for either variable

Data Source: MDPH Bureau of Substance Abuse Services, Office of Data Analytics and Decision Support, Data as of 9/17/13

**Table 20. Admissions to state-licensed substance abuse treatment programs by primary substance: Massachusetts, state fiscal year<sup>1</sup> 2004–2013**

| Year | Alcohol |     | Cocaine |    | Crack |    | Heroin |     | Other  |     | Total <sup>2</sup> |
|------|---------|-----|---------|----|-------|----|--------|-----|--------|-----|--------------------|
|      | N       | %   | N       | %  | N     | %  | N      | %   | N      | %   | N                  |
| 2004 | 43,397  | 42% | 3,711   | 4% | 3,475 | 3% | 38,634 | 38% | 13,083 | 13% | 102,300            |
| 2005 | 43,209  | 42% | 3,969   | 4% | 4,032 | 4% | 38,946 | 38% | 13,059 | 13% | 103,215            |
| 2006 | 42,155  | 41% | 4,278   | 4% | 4,172 | 4% | 37,640 | 37% | 13,780 | 14% | 102,025            |
| 2007 | 43,494  | 41% | 4,755   | 4% | 4,382 | 4% | 38,584 | 36% | 15,153 | 14% | 106,368            |
| 2008 | 43,044  | 41% | 4,113   | 4% | 3,880 | 4% | 38,491 | 37% | 15,514 | 15% | 105,042            |
| 2009 | 41,075  | 40% | 3,405   | 3% | 3,117 | 3% | 39,864 | 39% | 15,658 | 15% | 103,119            |
| 2010 | 40,770  | 39% | 2,764   | 3% | 2,561 | 2% | 42,209 | 40% | 16,853 | 16% | 105,157            |
| 2011 | 38,817  | 38% | 2,644   | 3% | 1,952 | 2% | 39,595 | 39% | 18,253 | 18% | 101,261            |
| 2012 | 36,507  | 36% | 2,384   | 2% | 1,971 | 2% | 44,278 | 43% | 17,319 | 17% | 102,459            |
| 2013 | 34,838  | 34% | 2,067   | 2% | 1,633 | 2% | 49,796 | 49% | 14,177 | 14% | 102,511            |

<sup>1</sup> July 1 of previous year – June 30 of the indicated year<sup>2</sup> Tabulations exclude cases with missing values for either variable

Data Source: MDPH Bureau of Substance Abuse Services, Office of Data Analytics and Decision Support, Data as of 9/17/13

**Table 21. Characteristics of Admissions to State-licensed Substance Abuse Treatment Programs by Needle Use in the Past Year: Massachusetts, Fiscal Year 2013<sup>1</sup>**

|                            | Admissions Reporting Needle Use in the Past Year |             | Admissions NOT Reporting Needle Use in the Past Year |             |
|----------------------------|--|-------------|--|-------------|
| By Gender:                 | N  | %           | N  | %           |
| Men                        | 31,284   | 67%         | 38,896   | 70%         |
| Women                      | 15,272   | 33%         | 17,031   | 30%         |
| Transgender                | 12   | <1%         | 37   | <1%         |
| By Race/Ethnicity:         | N  | %           | N  | %           |
| White (non-Hispanic)       | 37,800   | 81%         | 41,864   | 75%         |
| Black (non-Hispanic)       | 1,412  | 3%          | 5,103  | 9%          |
| Hispanic/Latino            | 5,553  | 12%         | 6,415  | 11%         |
| Asian/Pacific Islander     | 229  | <1%         | 433  | 1%          |
| American Indian            | 148  | <1%         | 252  | <1%         |
| Other/Unknown <sup>2</sup> | 1,426  | 3%          | 1,897  | 3%          |
| By Region: <sup>3</sup>    | N  | %           | N  | %           |
| Boston HSR                 | 9,203  | 20%         | 8,948  | 16%         |
| Central HSR                | 6,094  | 13%         | 6,522  | 12%         |
| Metro West HSR             | 5,873  | 13%         | 7,332  | 13%         |
| Northeast HSR              | 8,905  | 19%         | 10,075   | 18%         |
| Southeast HSR              | 10,798   | 23%         | 13,095   | 23%         |
| Western HSR                | 5,522  | 12%         | 9,212  | 16%         |
| Out of State               | 148  | <1%         | 748  | 1%          |
| Unknown                    | 5  | <1%         | 2  | <1%         |
| Missing                    | 20   | <1%         | 30   | <1%         |
| By Education:              | N  | %           | N  | %           |
| Less than High School      | 11,754   | 25%         | 11,864   | 22%         |
| High School graduate       | 23,057   | 50%         | 23,048   | 43%         |
| More than High School      | 11,356   | 25%         | 18,899   | 35%         |
| By Other Variables:        | N  | %           | N  | %           |
| Employed                   | 4,409  | 12%         | 15,977   | 38%         |
| Not Employed <sup>4</sup>  | 33,686   | 88%         | 25,701   | 62%         |
| Homeless                   | 11,460   | 25%         | 6,562  | 12%         |
| Not Homeless               | 34,119   | 75%         | 48,629   | 88%         |
| Pregnant                   | 426  | 1%          | 309  | 1%          |
| <b>Total<sup>5</sup></b>   | <b>46,568</b>                                    | <b>100%</b> | <b>55,964</b>  | <b>100%</b> |

<sup>1</sup> July 1, 2012 – June 30, 2013<sup>2</sup> The race/ethnicity category "Other" includes all non-Hispanic enrollees who report multiple races, who refuse to report a race, or for whom race is unreported no matter what the reason.<sup>3</sup> Region is the Health Service Region (HSR) of the client's primary residence; see Epidemiologic Profile General Appendices, Health Service Region Maps, available at [http://www.mass.gov/Eeohhs2/docs/dph/aids/2006\\_profiles/app\\_hrs\\_maps.pdf](http://www.mass.gov/Eeohhs2/docs/dph/aids/2006_profiles/app_hrs_maps.pdf) for configuration of Health Service Regions<sup>4</sup> Starting with tabulations for FY 2013, the category "Not Employed" will exclude all those coded as "Not in Labor Force", e.g., students, homemakers, the incarcerated, the retired, the disabled, and others whose labor force participation is curtailed.<sup>5</sup> Tabulations exclude cases with missing values for either variable

Data Source: MDPH Bureau of Substance Abuse Services, Office of Data Analytics and Decision Support, Data as of 9/17/13